# Jie Wu

## List of Publications by Year in descending order



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|---|---|---|---|
| 52 papers | 2,002 citations | 304602 22 h-index | 243529 44 g-index |
| 52 all docs | 52 docs citations | 52 times ranked | 2059 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | MOEA/D with Adaptive Weight Adjustment. Evolutionary Computation, 2014, 22, 231-264. | 2.3 | 727 |
| 2 | SAR Image segmentation based on convolutional-wavelet neural network and markov random field. Pattern Recognition, 2017, 64, 255-267. | 5.1 | 163 |
| 3 | MOEA/D with opposition-based learning for multiobjective optimization problem. Neurocomputing, 2014, 146, 48-64. | 3.5 | 111 |
| 4 | A bi-level belief rule based decision support system for diagnosis of lymph node metastasis in gastric cancer. Knowledge-Based Systems, 2013, 54, 128-136. | 4.0 | 55 |
| 5 | Fuzzy Superpixels for Polarimetric SAR Images Classification. IEEE Transactions on Fuzzy Systems, 2018, 26, 2846-2860. | 6.5 | 55 |
| 6 | A cooperative belief rule based decision support system for lymph node metastasis diagnosis in gastric cancer. Knowledge-Based Systems, 2015, 85, 62-70. | 4.0 | 51 |
| 7 | Building Extraction of Aerial Images by a Global and Multi-Scale Encoder-Decoder Network. Remote Sensing, 2020, 12, 2350. | 1.8 | 51 |
| 8 | MOEA/D with uniform decomposition measurement for many-objective problems. Soft Computing, 2014, 18, 2541-2564. | 2.1 | 47 |
| 9 | Hierarchical semantic model and scattering mechanism based PolSAR image classification. Pattern Recognition, 2016, 59, 325-342. | 5.1 | 44 |
| 10 | Semi-supervised double sparse graphs based discriminant analysis for dimensionality reduction. Pattern Recognition, 2017, 61, 361-378. | 5.1 | 44 |
| 11 | Complex Contourlet-CNN for polarimetric SAR image classification. Pattern Recognition, 2020, 100, 107110. | 5.1 | 44 |
| 12 | Fully Convolutional Network-Based Ensemble Method for Road Extraction From Aerial Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1777-1781. | 1.4 | 43 |
| 13 | MOEA/D with biased weight adjustment inspired by user preference and its application on multi-objective reservoir flood control problem. Soft Computing, 2016, 20, 4999-5023. | 2.1 | 37 |
| 14 | Multivariate Compressive Sensing for Image Reconstruction in the Wavelet Domain: Using Scale Mixture Models. IEEE Transactions on Image Processing, 2011, 20, 3483-3494. | 6.0 | 36 |
| 15 | MOEA/D with Baldwinian learning inspired by the regularity property of continuous multiobjective problem. Neurocomputing, 2014, 145, 336-352. | 3.5 | 32 |
| 16 | A modified convolutional neural network for face sketch synthesis. Pattern Recognition, 2018, 76, 125-136. | 5.1 | 31 |
| 17 | SAR Image Segmentation Based on Hierarchical Visual Semantic and Adaptive Neighborhood Multinomial Latent Model. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4287-4301. | 2.7 | 30 |
| 18 | SAR Target Configuration Recognition via Two-Stage Sparse Structure Representation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2220-2232. | 2.7 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Selective multiple kernel learning for classification with ensemble strategy. Pattern Recognition, 2013, 46, 3081-3090. | 5.1 | 27 |
| 20 | A new patch based change detector for polarimetric SAR data. Pattern Recognition, 2015, 48, 685-695. | 5.1 | 27 |
| 21 | Deep Multiview Union Learning Network for Multisource Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 4534-4546. | 6.2 | 26 |
| 22 | Local Maximal Homogeneous Region Search for SAR Speckle Reduction With Sketch-Based Geometrical Kernel Function. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5751-5764. | 2.7 | 25 |
| 23 | Nonconvex Compressed Sensing by Nature-Inspired Optimization Algorithms. IEEE Transactions on Cybernetics, 2015, 45, 1042-1053. | 6.2 | 22 |
| 24 | A Hybrid Method of SAR Speckle Reduction Based on Geometric-Structural Block and Adaptive Neighborhood. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 730-748. | 2.7 | 21 |
| 25 | Learning Interpolation via Regional Map for Pan-Sharpening. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3417-3431. | 2.7 | 20 |
| 26 | Global Low-Rank Image Restoration With Gaussian Mixture Model. IEEE Transactions on Cybernetics, 2018, 48, 1827-1838. | 6.2 | 20 |
| 27 | Compressed sensing by collaborative reconstruction on overcomplete dictionary. Signal Processing, 2014, 103, 92-102. | 2.1 | 16 |
| 28 | Ridgelet-Nets With Speckle Reduction Regularization for SAR Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9290-9306. | 2.7 | 16 |
| 29 | An evidential reasoning based model for diagnosis of lymph node metastasis in gastric cancer. BMC Medical Informatics and Decision Making, 2013, 13, 123. | 1.5 | 13 |
| 30 | A Nonlocal Means for Speckle Reduction of SAR Image With Multiscale-Fusion-Based Steerable Kernel Function. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1646-1650. | 1.4 | 13 |
| 31 | On the use of immune clonal optimization for joint subcarrier and power allocation in OFDMA with proportional fairness rate. International Journal of Communication Systems, 2013, 26, 1273-1287. | 1.6 | 12 |
| 32 | A New Virtual Samples-Based CRC Method for Face Recognition. Neural Processing Letters, 2018, 48, 313-327. | 2.0 | 12 |
| 33 | Configuration Recognition via Class-Dependent Structure Preserving Projections With Application to Targets in SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2134-2146. | 2.3 | 12 |
| 34 | Polarimetric Multipath Convolutional Neural Network for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18. | 2.7 | 12 |
| 35 | Adaptive Hierarchical Multinomial Latent Model With Hybrid Kernel Function for SAR Image Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2018, , 1-19. | 2.7 | 11 |
| 36 | Sketching Model and Higher Order Neighborhood Markov Random Field-Based SAR Image Segmentation. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1686-1690. | 1.4 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Design and analyze the structure based on deep belief network for gesture recognition. , 2018, , . | | 9 |
| 38 | Unsupervised polarimetric synthetic aperture radar image classification based on sketch map and adaptive Markov random field. Journal of Applied Remote Sensing, 2016, 10, 025008. | 0.6 | 7 |
| 39 | SAR Target Configuration Recognition via Discriminative Statistical Dictionary Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4218-4229. | 2.3 | 7 |
| 40 | AutoBRB: An automated belief rule base model for pathologic complete response prediction in gastric cancer. Computers in Biology and Medicine, 2022, 140, 105104. | 3.9 | 7 |
| 41 | Multi-Scale Residual Reconstruction Neural Network With Non-Local Constraint. IEEE Access, 2019, 7, 70910-70918. | 2.6 | 6 |
| 42 | TCSPANet: Two-Staged Contrastive Learning and Sub-Patch Attention Based Network for PolSAR Image Classification. Remote Sensing, 2022, 14, 2451. | 1.8 | 6 |
| 43 | A Hybrid Network With Structural Constraints for SAR Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17. | 2.7 | 5 |
| 44 | Geometric structure guided collaborative compressed sensing. Signal Processing: Image Communication, 2016, 40, 16-25. | 1.8 | 3 |
| 45 | Structural feature learning-based unsupervised semantic segmentation of synthetic aperture radar image. Journal of Applied Remote Sensing, 2019, 13, 1. | 0.6 | 3 |
| 46 | Video reconstruction based on Intrinsic Tensor Sparsity model. Signal Processing: Image Communication, 2019, 72, 113-125. | 1.8 | 2 |
| 47 | Pan-sharpening via compressed superresolution reconstruction and multidictionary learning. Journal of Applied Remote Sensing, 2018, 12, 1. | 0.6 | 2 |
| 48 | An Adaptive Region-Based Method for Speckle Reduction in SAR Images with Local Geometric Correlation. , 2018, , . | | 1 |
| 49 | Sar target configuration recognition using class-dependent locality preserving projections. , 2017, , . | | 0 |
| 50 | A SAR Change Detection Algorithm with Classification-embedded Subspace. , 2018, , . | | 0 |
| 51 | Nonconvex compressed sensing framework based on block strategy and overcomplete dictionary. , 2020, , 617-627. | | 0 |
| 52 | Compressed sensing by collaborative reconstruction. , 2020, , 669-692. | | 0 |